

WHAT IS CLAIMED IS:

1. An image processing apparatus comprising:

an entirety controlling unit connected to at least two
units out of an image reading unit for reading image data,
5 an image memory control unit which controls an image memory
so as to write/read the image data, an image processing unit
which subjects the image data to image processing such as
edition and an image writing unit for writing the image data
on a paper, wherein said entirety controlling unit controls
10 processing between said units and transmission/reception of
the image data between the units; and

a memory unit which previously stores processing
information on the content of the image processing with
respect to the image data;

15 wherein said entirety controlling unit reads a part
of the processing information stored in said memory unit and
stores the read information in a storage unit provided in
said image processing unit; and

said image processing unit subjects the image data to
20 the image processing based on the processing information
stored in said storage unit.

2. The image processing apparatus according to claim 1,
wherein said image processing unit having

25 a processing information memory unit which stores the

processing information which is referred to in subjecting the image data to the image processing; and

a processing information controlling unit which controls the transmission/reception of the processing information which is referred to in subjecting the image data to the image processing between said storage unit and said processing information memory unit.

3. The image processing apparatus according to claim 4, further comprising a processing period detecting unit which detects whether or not said image processing unit is subjecting the image data to the image processing;

wherein said processing information controlling unit transmits/receives the processing information which is referred to in subjecting the image data to the image processing between said storage unit and said processing information memory unit when said processing period detecting unit detects that said image processing unit is not subjecting the image data to the image processing.

4. The image processing apparatus according to claim 1, wherein the control performed by said entirety controlling unit is performed by an image processor which manages the entire image processing apparatus.

5. An image processing apparatus comprising:

an entirety controlling unit connected to at least two units out of an image reading unit for reading image data, an image memory control unit which controls an image memory
5 so as to write/read the image data, an image processing unit which subjects the image data to image processing such as edition and an image writing unit for writing the image data on a paper, wherein said entirety controlling unit controls processing between said units and transmission/reception of
10 the image data between the units; and

a memory unit which previously stores processing information on the content of the image processing with respect to the image data;

wherein said entirety controlling unit controls the
15 processing information in a freely stored manner until the completion of the storage of the processing information in reading a part of the processing information stored in the memory unit to then store it in storage unit contained inside the image processing unit; and

20 said image processing unit subjects the image data to the image processing based on the processing information stored in said storage unit.

6. The image processing apparatus according to claim 5,
wherein said image processing unit having

a processing information memory unit which stores the
processing information which is referred to in subjecting
5 the image data to the image processing; and

a processing information controlling unit which
controls the transmission/reception of the processing
information which is referred to in subjecting the image data
to the image processing between said storage unit and said
10 processing information memory unit.

7. The image processing apparatus according to claim 6,
further comprising a processing period detecting unit which
detects whether or not said image processing unit is
15 subjecting the image data to the image processing;

wherein said processing information controlling unit
transmits/receives the processing information which is
referred to in subjecting the image data to the image
processing between said storage unit and said processing
20 information memory unit when said processing period
detecting unit detects that said image processing unit is
not subjecting the image data to the image processing.

8. The image processing apparatus according to claim 5, wherein the control performed by said entirety controlling unit is performed by an image processor which manages the entire image processing apparatus.

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9. An image processing apparatus comprising:

an entirety controlling unit connected to at least two units out of an image reading unit for reading image data, an image memory control unit which controls an image memory so as to write/read the image data, an image processing unit which subjects the image data to image processing such as edition and an image writing unit for writing the image data on a paper, wherein said entirety controlling unit controls processing between said units and transmission/reception of the image data between the units; and

a storage unit provided with said image processing unit, which storage unit stores processing information on the content of the image processing with respect to the image data;

wherein said image processing unit subjects the image data to the image processing based on the processing information stored in said storage unit; and

said entirety controlling unit controls the processing information in a readable manner until the completion of the reading of the processing information in

reading the processing information stored in said storage unit.

10. The image processing apparatus according to claim 9,
5 wherein said image processing unit having

a processing information memory unit which stores the processing information which is referred to in subjecting the image data to the image processing; and

a processing information controlling unit which
10 controls the transmission/reception of the processing information which is referred to in subjecting the image data to the image processing between said storage unit and said processing information memory unit.

15 11. The image processing apparatus according to claim 10, further comprising a processing period detecting unit which detects whether or not said image processing unit is subjecting the image data to the image processing;

wherein said processing information controlling unit
20 transmits/receives the processing information which is referred to in subjecting the image data to the image processing between said storage unit and said processing information memory unit when said processing period detecting unit detects that said image processing unit is
25 not subjecting the image data to the image processing.

12. The image processing apparatus according to claim 10, wherein the control performed by said entirety controlling unit is performed by an image processor which manages the entire image processing apparatus.

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13. An image processing apparatus comprising:
an image processing unit which processes an image data,
said image processing unit having a storage unit;
at least one unit out of

10 a) an image reading unit which acquires the
image data,

b) an image memory control unit which
controls an image memory so as to write/read the image data,

15 c) an image writing unit which generates
an image on a media based on the image data; and

a memory unit which previously stores information
about how the image data is to be processed by said image
processing unit; and

20 a controlling unit which provides controls over
the processing and flow of data between said image processing
unit, said least one unit, and said memory unit;

wherein said entirety controlling unit reads a part
or whole of the information stored in said memory unit and
transfers the read information in said storage unit of said
25 image processing unit; and

said image processing unit processes the image data
based on the information stored in said storage unit.